

Our ref: 11208393-Thompson-Renninger-McPeek-11

976017

10 May 2021

**Mr. Robert Thompson**  
Remedial Project Manager  
United States Environmental Protection Agency  
Region V  
77 West Jackson Boulevard  
Chicago, Illinois  
U.S.A. 6064

**Ms. Tamara McPeck**  
Environmental Response and Revitalization  
Ohio Environmental Protection Agency  
Southwest District Office  
401 East Fifth Street  
Dayton, Ohio  
U.S.A. 45402

**Mr. Steve Renninger**  
On-Scene Coordinator  
United States Environmental Protection Agency  
Region V  
Emergency Response Branch  
26 West Martin Luther King Drive  
Cincinnati, Ohio  
U.S.A. 45628

**Progress Report: April 1 through 30, 2021**  
**South Dayton Dump and Landfill Site, Moraine, Ohio (Site)**

Dear Mr. Thompson, Ms. Peek, and Mr. Renninger:

This Monthly Progress Report is submitted in accordance with the Administrative Settlement and Order on Consent (ASAOC) for Remedial Investigation/Feasibility Study (RI/FS) Proceeding Under Sections 104, 107, and 122 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, 42 U.S.C. §§ 9604, 9607, and 9622 (United States Environmental Protection Agency [U.S. EPA] Docket No. V-W-16-C-011) effective June 11, 2016 (RI/FS ASAOC), and the ASAOC for Removal Action Proceeding Under Sections 104, 106(a), 107, and 122 of the CERCLA, 42 U.S.C. §§ 9604, 9606(a), 9607, and 9622 U.S. EPA Docket No. V-W-13-C-010, effective April 8, 2013 (Removal Action ASAOC), for the period of April 1 through 30, 2021.

The next Progress Report for the month of May 2021 will be submitted on or before June 10, 2021.

## **Significant Developments in this Reporting Period**

### ***RI/FS ASAOC Developments***

Activities conducted in April 2021 are summarized below:

- The following groundwater investigation activities were completed:

- On April 15, 2021 water level measurements were recorded at 51 existing monitoring well locations and one piezometer. Monitoring well locations are shown in Figure 1 and groundwater elevations are provided in Table 1.
- On April 12, 2021, U.S. EPA provided a letter with comments on the revised Draft Risk Assumptions Document (RAAD), dated January 11, 2021.
- On April 12, 2021, U.S. EPA provided approval for the updated Quality Assurance Project Plan (QAPP). On April 20, 2021 U.S. EPA requested a correction to the approved QAPP. GHD provided U.S. EPA and Ohio EPA with an updated version of the QAPP on April 28, 2021.
- On April 19, 2021 GHD provided the agencies with a letter providing results from the groundwater investigation activities conducted at the Site in 2020.
- On April 28, 2021, GHD provided the agencies with the Current and Future Land Uses and Reuse Memorandum, dated April 26, 2021, via link to download.
- On April 29, 2021 and April 30, 2021, meetings were conducted to review Site investigation status and results. The meetings included representatives of U.S. EPA, Ohio EPA, Respondents, and GHD. The presentation material and recordings of both meetings were provided to the agencies on April 30.
- GHD and legal counsel for the ASAOC Respondents conducted discussions with property owners for the Village Trailer Park (Parcel 2943) and the Century Propane facility (Parcel 3255) to arrange access for proposed monitoring well and soil gas probe installations. On April 9, 2021, GHD conducted a site visit to review the proposed monitoring well location at the Century Propane facility with the property owner. On April 29, 2021 the owner representatives for the Village Trailer Park stated that they would not agree to provide access for the proposed investigation work, which includes installation of one soil gas probe and one monitoring well.

#### ***Removal Action ASAOC Developments***

Activities conducted in April 2021 are summarized below:

- Preparation for sub-slab depressurization system (SSDS) inspections to be conducted in May 2021.

## **Summaries of all Anticipated Problems and Planned Resolutions**

As stated above the owner representatives for the Village Trailer Park have not agreed to provide access for proposed soil gas and groundwater investigation activities. GHD will work with U.S. EPA to discuss alternative arrangements for seeking access approval.

No other difficulties/delays were encountered during this reporting period. However, the COVID-19 pandemic and requirements for physical/social distancing, isolation, and quarantine could cause future temporary or long-term equipment, supply and/or personnel availability issues that could affect the project schedule. Federal, state and local orders, as well as guidance from the Centers for Disease Control and Prevention, will be reviewed and followed before any field work or in-person meetings are conducted. We will keep U.S. EPA informed of any potential issues as the COVID-19 pandemic continues to develop and change.

## Projected Work for the Next Reporting Period

- GHD will continue planning and scheduling RI/FS activities in accordance with the approved work plan. The planned activities include:
  - Conduct discussions with U.S. EPA regarding alternatives for obtaining access to Village Trailer Park (Parcel 2943) for proposed soil gas probe and monitoring well installation.
  - Continue preparations to complete monitoring well and gas probe installations, including contractor procurement.
  - Review U.S. EPA comments dated April 4, 2020 (related to soil/fill and soil gas investigation), comments dated January 14, 2021 (related to the EEEP report), and comments dated April 12, 2021 (related to the RAAD report). Meetings to discuss the comments are being planned for late May and early June.
- The Respondents and U.S. EPA On-Scene Coordinator will continue to work together to implement the VI mitigation work plan. The planned activities include:
  - Complete quarterly SSDS inspections at buildings with an operating system, including Buildings 8 and 9 – B&G Equipment and Truck Repair, Building 12 – Overstreet Painting and S&J Precision, Building 14 – NexGen Vending, Building 15 – SIM Trainer, Building 17 – D. Dickinson Construction (formerly Megacity Construction), and Building 24 – Globe Manufacturing.

Should you have any questions on the above, please do not hesitate to contact us

Regards



**Julian Hayward**  
Senior Engineer

+1 519 340 3724  
julian.hayward@ghd.com

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Encl.

cc: (all by pdf) Ken Brown, ITW  
Bryan Heath, NCR  
Wendell Barner, Barner Consulting  
Jim Campbell, EMI  
Andrew Dorn, ITW  
Kelly Martorano, Kelsey Hayes Company  
Michael Hughes, Neal, Gerber & Eisenberg  
Wray Blattner, Thompson Hine  
Larry Silver, Langsam Stevens Silver & Hollaender  
Tim Hoffman, Dinsmore & Shohl  
Sally Scott, Jacobs  
Brett Fishwild, Jacobs  
Valerie Chan, GHD



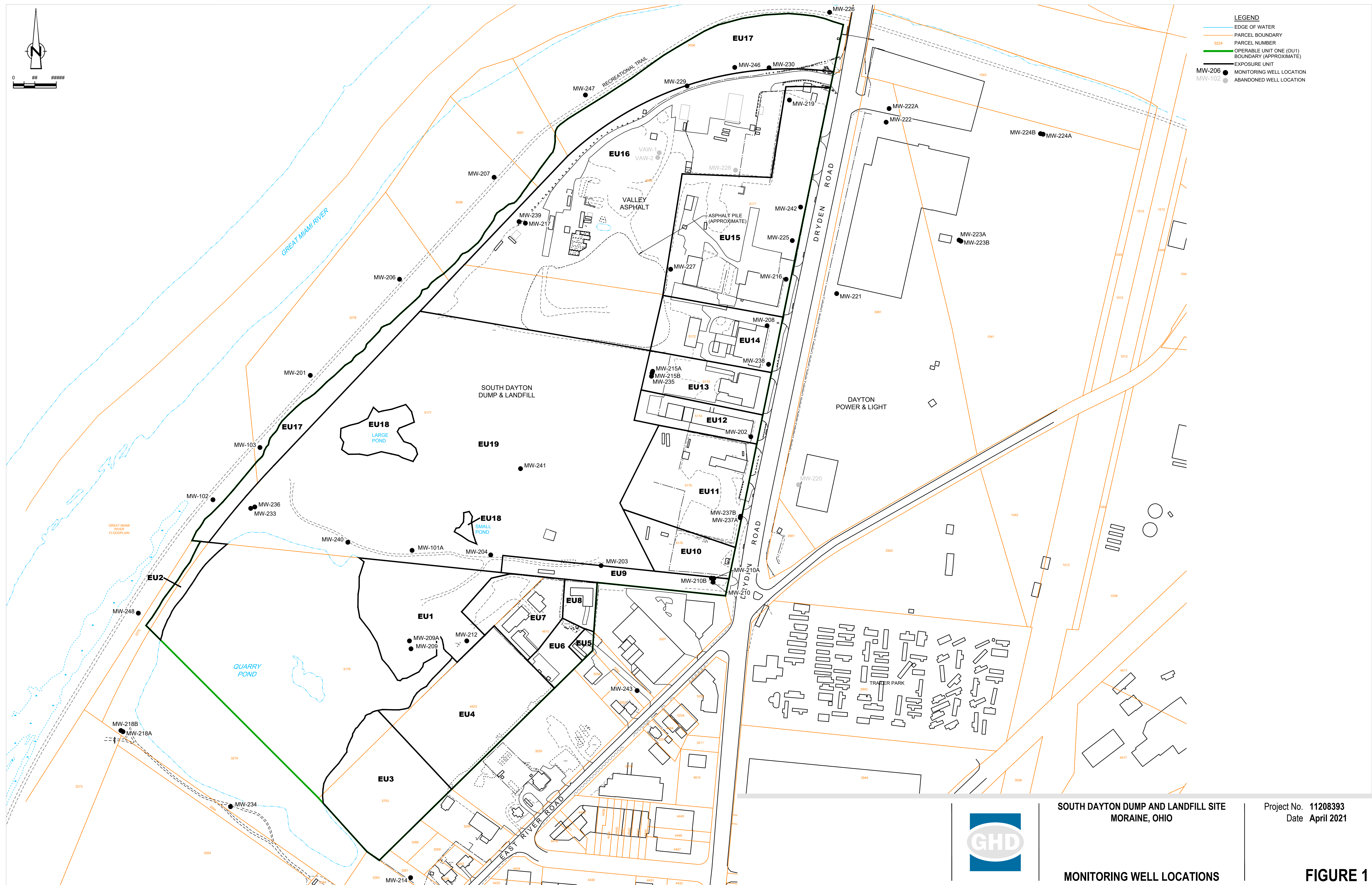


Table 1

**Groundwater Elevation Data (April 15, 2021)**  
**South Dayton Dump Landfill**  
**Moraine, Ohio**

Location	Coordinates <sup>1</sup>		April 15, 2021		Aquifer
	Easting	Northing	Depth to Water ft BREF	Groundwater Elevation ft AMSL	
MW-101A	1484347.49	633061.94	15.07	710.09	UA
MW-102	1483652.96	633239.14	8.00	709.82	UA
MW-103	1483816.75	633420.79	6.67	709.98	UA
MW-201	1483992.37	633672.04	2.27	710.29	UA
MW-202	1485528.69	633458.16	22.77	711.10	UA
MW-203	1485006.61	633009.23	19.87	710.35	UA
MW-204	1484621.04	633046.19	12.48	710.18	UA
MW-206	1484303.13	634007.61	5.94	710.22	UA
MW-207	1484632.79	634363.31	3.96	712.39	UA
MW-208	1485585.26	633845.22	23.41	710.61	UA
MW-209	1484343.83	632719.21	4.41	709.93	UA
MW-209A	1484337.96	632746.26	4.82	709.97	LA
MW-210	1485396.52	632951.13	22.16	710.42	UA
MW-210A	1485399.38	632964.63	23.60	710.21	LA
MW-210B	1485391.47	632964.95	23.65	710.21	LA
MW-212	1484538.20	632746.78	18.99	709.97	UA
MW-214	1484342.09	631920.35	14.20	709.79	LA
MW-215A	1485186.15	633687.09	24.07	710.27	UA
MW-215B	1485184.08	633679.88	24.50	710.24	LA
MW-216	1485651.26	634007.72	21.91	710.37	LA
MW-217	1484742.54	634203.25	26.31	710.38	UA
MW-218A	1483339.28	632429.74	13.29	709.51	UA
MW-218B	1483332.20	632433.78	13.51	709.70	LA
MW-219	1485663.27	634632.46	24.82	710.78	UA
MW-220	1485694.49	633290.82	n/a	n/a****	LA
MW-221	1485827.65	633957.63	25.94	709.90	LA
MW-222	1486000.38	634555.42	26.10	710.40	LA
MW-222A	1486010.51	634602.96	24.81	710.75	UA
MW-223A	1486254.37	634144.16	24.77	710.61	UA
MW-223B	1486261.00	634140.45	24.84	710.20	LA
MW-224A	1486547.64	634513.29	25.00	710.37	UA
MW-224B	1486538.62	634515.39	25.10	709.96	LA
MW-225	1485673.13	634142.83	20.61	710.64	UA
MW-226	1485803.08	634938.55	9.70	711.54	UA
MW-227	1485248.44	634042.79	28.65	710.52	UA
MW-229	1485306.39	634681.80	26.33	710.47	UA
MW-230	1485591.75	634745.25	26.76	710.46	UA
MW-233	1483784.36	633208.66	20.36	709.72	UA
MW-234	1483714.22	632168.22	14.39	709.68	UA
MW-235	1485182.31	633669.45	23.69	710.56	UA
MW-236	1483798.63	633213.61	20.06	710.00	LA
MW-237A	1485491.55	633175.64	20.06	710.46	LA
MW-237B	1485492.58	633181.00	20.17	710.27	LA
MW-238	1485590.13	633710.91	20.95	710.32	LA
MW-239	1484720.15	634208.71	27.05	710.40	LA
MW-240	1484123.06	633090.37	10.35	710.14	UA
MW-241	1484725.21	633347.05	7.45	710.64	UA
MW-242	1485701.95	634259.28	20.68	710.75	UA
MW-243	1485131.80	632572.95	18.23	710.30	UA
MW-246	1485472.24	634746.59	26.81	710.52	UA
MW-247	1484951.62	634650.27	11.75	710.53	UA
MW-248	1483392.49	632843.16	3.34	709.55	UA
P-211	1484355.17	632855.28	4.57	711.15	UA
SG-1 (Small Pond)	1484545.88	633113.65	1.18"	710.54***	
SG-2 (Large Pond)	1484317.27	633394.10	n/a	n/a**	
SG-3 (Quarry Pond North)	1484157.42	632968.69	TBD	TBD	
SG-4 (Quarry Pond SW)	1483414.07	632461.09	24.25"	710.25***	

## Notes:

[1] - North American Datum of 1983 (NAD83), U.S. Survey feet

ft BREF - feet below reference

ft AMSL - feet above mean sea level

\* Reference point is Top Of Riser at each monitoring well

\*\* Damaged staff gauge

\*\*\* Surface water reference points to be confirmed

\*\*\*\* MW-220 abandoned by Dayton Power &amp; Light